

29/29/2000 14:32 9406762178

82 CONS: /LGCA

PAGE 02

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PA
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	14. REQUISITION/PURCHASE REQ. NO. 15. PROJECT NO. (if applicable)	1 1 0
5. ISSUED BY	6. CODE	17. ADMINISTERED BY (if other than item 6)	CODE
820 CONTRACTING SQUADRON 136 K AVENUE STE 1 SHEPPARD AFB TX	76311-2740		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, state and zip code)		(X) 9A. AMENDMENT OF SOLICITATION NO.	
RAYTHEON AEROSPACE COMPANY 555 INDUSTRIAL DR S MADISON MS 39118-9872		9B. DATED (See item 11)	
		10A. MODIFICATION OF CONTRACT/ORDER NO.	
		X F4104997CM309	
		10B. DATED (See item 13)	
		970CT81	
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS			

The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers is extended, 1. is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods:

(a) By completing Items 8 and 13, and returning \_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required) CODE: F60700

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. DESCRIBED IN ITEM 14. NO CHG

(X) 1A. This change order is issued pursuant to: (Specify authority) The changes set forth in item 14 are made in the contract order no in item 10A.

1B. The above numbered contract/order is modified to reflect the administrative changes (such as changes in paying office, appropriation data, etc.) set forth in item 14 pursuant to the authority of FAR 43.102(b).

1C. This supplemental agreement is entered in pursuant to authority of: 1-547 FAR 52.243-1, CHANGES-FIXED PRICE (APR 1984) ALTERNATE I

1D. Other (Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return ALL copies to the issuing office.

16. Description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

POC: FIDELIE, ROSE MARIE  
PHONE: 9406762926

SEE SCHEDULE

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed remain unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		15B. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
STEVEN NARBO CONTRACT MANAGER		MARK C. SNYDER MARK.SNYDER@SHEPPARD.AF.MIL	
15C. CONTRACTOR/OFFEROR	15D. DATE SIGNED	15E. UNITED STATES OF AMERICA	15F. DATE SIGNED
<i>Steven Narbo</i>	9-29-00	<i>Mark Snyder</i>	29 Sep 00
(Signature of person authorized to sign)		(Signature of Contracting Officer)	

STANDARD FORM 1

RAYTHEON AEROSPACE COMPANY

TIN: 112208712

DUNS: 091441089

CAGE CODE: 1P066

14A. THE PURPOSE OF THIS MODIFICATION IS TO:

(1) FORMALLY AGREE TO AN EQUITABLE ADJUSTMENT IN ACCORDANCE WITH THE NEGOTIATIONS HELD VIA TELEPHONE ON 28 SEPTEMBER 2000, FOR THE INCREASE IN WORKLOAD TO PROVIDE GOLDWAY AND CIRCUIT CARD REPAIR SERVICES. PERFORMANCE IS EFFECTIVE 01 OCTOBER 2000. THE FOLLOWING CLIN'S WILL BE MODIFIED TO INCLUDE THEIR RESPECTIVE INCREASES:

- (A) CLIN 3002 IS INCREASED IN THE AMOUNT OF \$165,319.67, WHICH IS SUBJECT TO THE AVAILABILITY OF FUNDS CLAUSE.
- (B) CLIN 4002 IS INCREASED IN THE AMOUNT OF \$84,751.61, WHICH IS SUBJECT TO THE EXERCISE OF OPTION CLAUSE AND AVAILABILITY OF FUNDS CLAUSE.
- (C) CLIN 5002 IS INCREASED IN THE AMOUNT OF \$83,948.44, WHICH IS SUBJECT TO THE EXERCISE OF OPTION CLAUSE AND AVAILABILITY OF FUNDS CLAUSE.
- (D) CLIN 6002 IS INCREASED IN THE AMOUNT OF \$87,482.97, WHICH IS SUBJECT TO THE EXERCISE OF OPTION CLAUSE AND AVAILABILITY OF FUNDS CLAUSE.
- (E) CLIN 7002 IS INCREASED IN THE AMOUNT OF \$86,575.18, WHICH IS SUBJECT TO THE EXERCISE OF OPTION CLAUSE AND AVAILABILITY OF FUNDS CLAUSE.

(2) PERFORMANCE WORK STATEMENT PARAGRAPHS ARE ADDED: 5.8, 5.8.1., 5.8.2., 5.8.3., 5.8.3.1., 5.8.4., 5.8.5., 5.8.6., 5.8.7., 5.8.8., AND 5.8.9. THESE PARAGRAPHS ARE ADDED TO OUTLINE SPECIFIC TASKINGS.

(3) SECTION F, DELIVERIES OF PERFORMANCE, PARAGRAPH F-12, PERIOD OF PERFORMANCE, HAS BEEN CORRECTED TO AGREE WITH MODIFICATION A00030, DATED 08 JUNE 2000. THE CORRECTION OF THIS PARAGRAPH WAS INADVERTENTLY OMITTED AT THE TIME MODIFICATION A00030 WAS EXECUTED.

14B. PURSUANT TO RAYTHEON AEROSPACE COMPANY LETTER RA-728-ATC-00-0091 DATED, 21 SEPTEMBER 2000, AND 82 CONS/LGCA LETTER DATED 20 JULY 2000. THIS MODIFICATION IS IN CONSIDERATION OF THE MODIFICATION(S) AGREED TO HEREIN AS COMPLETE EQUITABLE ADJUSTMENTS FOR THE CONTRACTOR'S REQUEST FOR EQUITABLE ADJUSTMENT SHEPPARD TRAINER MAINTENANCE GOLDWAY AND CIRCUIT CARD REPAIR FOR CONTRACT F41689-97-C0509 "PROPOSAL FOR ADJUSTMENT. THE CONTRACTOR HEREBY RELEASES THE GOVERNMENT FROM ANY AND ALL LIABILITY UNDER THIS CONTRACT FOR FURTHER EQUITABLE ADJUSTMENTS ATTRIBUTABLE TO SUCH FACTS OR CIRCUMSTANCES GIVING RISE TO THE CONTRACTOR'S REQUEST FOR EQUITABLE ADJUSTMENT SHEPPARD TRAINER MAINTENANCE, GOLDWAY AND CIRCUIT CARD REPAIR PROPOSAL FOR CONTRACT F41689-97-C0509" PROPOSAL FOR ADJUSTMENT.

THE AGREEMENT STATED ABOVE IS BASED ON AETCI 21-111, DATED 13 OCTOBER 1995 AND AFI 21-123 DATED FEBRUARY 1997. A REVISION TO AETCI 21-111, DATED 18 SEPTEMBER 2000, WILL BE EVALUATED WITH A REVIEW PERIOD ENDING 30 OCTOBER 2000, AS STATED IN CONTRACT PERFORMANCE WORK STATEMENT, SECTION C-6, PARAGRAPH 6.

14C. THE FOLLOWING CONTRACT PAGES ARE TO BE DELETED AND REPLACED WITH THE PAGES PROVIDED OR INSERTED AS INDICATED BELOW:

## DELETE PAGES NOS.

6 OF 63 THRU 8E OF 63  
11 OF 63  
C1-14  
C5-8 THRU C5-25  
C6-3  
TE 5A-3  
TE 5G-2  
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## INSERT PAGES NOS.

6 OF 63 THRU 8E OF 63  
11 OF 63  
C1-14  
C5-8 THRU C5-26  
C6-3  
TESA-3  
TE 5G-2  
TE 3-5  
TE 4-11  
TE 5B-104  
TE 5D-75  
TE 5E-397 THRU 406

( CONTINUED )

AB0034

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03

RAYTHEON AEROSPACE COMPANY

140. EXCEPT AS PROVIDED HEREIN, ALL TERMS AND CONDITIONS OF THE DOCUMENT REFERENCED IN ITEM 10A, AS HERETOFORE CHANGED REMAINS UNCHANGED AND IN FULL FORCE AND EFFECT.

( END PAGE )

CONTRACT      F41689-97-C0509  
Modification A00034

SECTION B

**SUPPLIES AND SERVICES TO BE PERFORMED:** Contractor shall provide trainer and equipment maintenance services to support the Technical Training Center located at Sheppard AFB TX to include satellite maintenance activities in accordance with Section C, Performance Work Statement.

**ITEM**

3001      N/A      \$ Zero Priced

3002      Third Option Period (01 Oct 00 thru 30 Sep 01)

The offeror shall submit the proposed total pricing arrangement below based on the projected transfer dates identified in the workcenter bid schedule.

Target Cost	\$5,859,352.74
Modification A0005	\$133,451.29
Modification A0009	\$53,221.92
Modification A0013	(\$612.43)
Modification A00020	\$43,693.29
Modification A00034	\$155,961.95
<b>Total Target Cost</b>	<b>\$6,245,068.76</b>
Target Profit	\$351,561.16
Modification A0005	\$7,967.25
Modification A0009	\$3,177.43
Modification A0013	(\$36.56)
Modification A00020	\$2,610.80
Modification A00034	\$9,357.72
<b>Total Target Profit (6.00%)</b>	<b>\$374,637.80</b>
<b>Total Target Price (106.00%)</b>	<b>\$6,619,706.56</b>
<b>Ceiling Price (106.00%)</b>	<b>\$6,619,706.56</b>

<b>Share Formulas:</b>	<b>GOVERNMENT /CONTRACTOR</b>
Over Target (%)	0 /100
Under Target (%)	70 /30

3003      Reimbursable Travel      NOT TO EXCEED      \$      40,000.00

(Cost reimbursement basis only. No overhead or profit will be paid in support of this CLIN.

Rates shall not exceed those established in the Joint Travel Regulations - in effect at the time of travel - for both per diem and travel expenses - IAW Section Section H-901)

NOTE: If, at the convenience of the Government it is determined to be more cost effective for a commercial instructor to travel to Sheppard Air Force Base or any one of the other sites on contract to conduct training on new equipment/systems reimbursement will be made from Reimbursable Travel CLIN. The Contractor shall purchase training, at their expense and request reimbursement from the Government under the Reimbursable Travel CLIN.

CONTRACT  
Modification A00034

F41689-97-C0509

SECTION B  
THIRD OPTION YEAR CONTINUED

ITEM

- 4 Unpacking, assembly, repairs and any requirement in preparation for bringing trainers and other equipment on line.

0.00	\$23.70	NOT TO EXCEED	\$ -
(Estimated Hours)	(Hourly Rate**)		(Estimated Total)

\* NOTE 1: The Mobilization Period is a one-time CLIN included in the Basic Year.

\*\*NOTE: The hourly rate is to be a loaded rate including profit.

- 3005 Munitions support for flight training mission on pre-approved weekend and after hours munitions support of Sorties at the 80th Flight Training Wing.

636.33	\$31.43	NOT TO EXCEED	\$ 20,000.00
(Estimated Hours)	(Hourly Rate***)		(Estimated Total)

\*\*\*NOTE: The hourly rate is to be a loaded rate including profit.

- 3006 Area Wage Determination FY 98 \$ 25,337.30

- 3007 Area Wage Determination FY 2000 \$ 33,133.42

**CONTRACT**  
**Modification A00034**

F41689-97-C0509

**SECTION B**

**SUPPLIES AND SERVICES TO BE PERFORMED:** Contractor shall provide trainer and equipment maintenance services to support the Technical Training Center located at Sheppard AFB TX to include satellite maintenance activities in accordance with Section C, Performance Work Statement.

**ITEM**

4001 Mobilization Period\* (1 thru 30 Sep 97) \$ Zero Priced

4002 Fourth Option Period (01 Oct 2001 thru 31 Mar 2002)

The offeror shall submit the proposed total pricing arrangement below based on the projected transfer dates identified in the workcenter bid schedule.

Target Cost	\$	2,932,809.91
Modification A0005	\$	66,729.21
Modification A0009	\$	26,612.75
Modification A0013	\$	24.47
Modification A00020	\$	21,848.43
Modification A00030	\$	13,000.00
Modification A00034	\$	79,954.35
<b>Total Target Cost</b>	<b>\$</b>	<b>3,140,979.12</b>
Target Profit	\$	175,968.60
Modification A0005	\$	3,983.84
Modification A0009	\$	1,588.83
Modification A0013	\$	1.45
Modification A00020	\$	1,305.51
Modification A00030	\$	-
Modification A00034	\$	4,797.26
<b>Total Target Profit (6.00%)</b>	<b>\$</b>	<b>187,645.49</b>
<b>Total Target Price (106.00%)</b>	<b>\$</b>	<b>3,328,624.61</b>
<b>Ceiling Price (106.00%)</b>	<b>\$</b>	<b>3,328,624.61</b>

**Share Formulas:****GOVERNMENT /CONTRACTOR**

Over Target (%) 0 /100

Under Target (%) 70 /30

4003 **Reimbursable Travel** **NOT TO EXCEED** \$ **20,000.00**

(Cost reimbursement basis only. No overhead or profit will be paid in support of this CLIN.

Rates shall not exceed those established in the Joint Travel Regulations - in effect at the time of travel - for both per diem and travel expenses - IAW Section Section H-901)

NOTE: If, at the convenience of the Government it is determined to be more cost effective for a commercial instructor to travel to Sheppard Air Force Base or any one of the other sites on contract to conduct training on new equipment/systems reimbursement will be made from Reimbursable Travel CLIN. The Contractor shall purchase training, at their expense and request reimbursement from the Government under the Reimbursable Travel CLIN.

CONTRACT  
Modification A00034

F41689-97-C0509

SECTION B  
FORTH OPTION PERIOD CONTINUED

ITEM

Unpacking, assembly, repairs and any  
requirement in preparation for bringing  
trainers and other equipment on line.

0.00	\$23.70	NOT TO EXCEED	\$ -
(Estimated Hours)	(Hourly Rate**)		(Estimated Total)

\* NOTE 1: The Mobilization Period is a one-time CLIN  
included in the Basic Year.

\*\*NOTE: The hourly rate is to be a loaded rate including profit.

4005 Munitions support for flight training mission on pre-approved weekend and after  
hours munitions support of Sorties at the 80th Flight Training Wing.

318.17	\$31.43	NOT TO EXCEED	\$ 10,000.00
(Estimated Hours)	(Hourly Rate***)		(Estimated Total)

\*\*\*NOTE: The hourly rate is to be a loaded rate including profit.

4006	Area Wage Determination FY 98	\$ 12,668.65
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4007	Area Wage Determination FY 2000	\$ 16,566.71
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CONTRACT F41689-97-C0509  
Modification A00034

## SECTION B

**SUPPLIES AND SERVICES TO BE PERFORMED:** Contractor shall provide trainer and equipment maintenance services to support the Technical Training Center located at Sheppard AFB TX to include satellite maintenance activities in accordance with Section C, Performance Work Statement.

**ITEM**

- 5001 Mobilization Period\* (1 thru 30 Sep 97) \$ Zero Priced
- 5002 Fifth Option Period (01 Apr 2002 thru 30 Sep 2002)

The offeror shall submit the proposed total pricing arrangement below based on the projected transfer dates identified in the workcenter bid schedule.

Target Cost	\$2,932,809.90
Modification A0005	\$66,729.20
Modification A0009	\$26,612.74
Modification A0013	\$24.46
Modification A00020	\$21,848.43
Modification A00030	(\$13,000.00)
Modification A00034	\$79,196.64
<b>Total Target Cost</b>	<b>\$3,114,221.37</b>
Target Profit	\$175,968.59
Modification A0005	\$3,983.84
Modification A0009	\$1,588.82
Modification A0013	\$1.44
Modification A00020	\$1,305.51
Modification A00030	\$0.00
Modification A00034	\$4,751.80
<b>Total Target Profit (6.00%)</b>	<b>\$182,848.20</b>
<b>Total Target Price (106.00%)</b>	<b>\$ 3,301,821.37</b>
<b>Ceiling Price (106.00%)</b>	<b>\$0.00</b>

<b>Share Formulas:</b>	<b>GOVERNMENT /CONTRACTOR</b>
Over Target (%)	0 /100
Under Target (%)	70 /30

- 5003 Reimbursable Travel NOT TO EXCEED \$ 20,000.00

(Cost reimbursement basis only. No overhead or profit will be paid in support of this CLIN.

Rates shall not exceed those established in the Joint Travel Regulations - in effect at the time of travel - for both per diem and travel expenses - IAW Section Section H-901)

NOTE: If, at the convenience of the Government it is determined to be more cost effective for a commercial instructor to travel to Sheppard Air Force Base or any one of the other sites on contract to conduct training on new equipment/systems reimbursement will be made from Reimbursable Travel CLIN. The Contractor shall purchase training, at their expense and request reimbursement from the Government under the Reimbursable Travel CLIN.

CONTRACT F41689-97-C0509  
Modification A00034

SECTION B  
FIFTH OPTION PERIOD CONTINUED

ITEM

4 Unpacking, assembly, repairs and any  
requirement in preparation for bringing  
trainers and other equipment on line.

0.00	\$23.70	NOT TO EXCEED	\$ -
(Estimated Hours)	(Hourly Rate**)		(Estimated Total)

\* NOTE 1: The Mobilization Period is a one-time CLIN  
included in the Basic Year.

\*\*NOTE: The hourly rate is to be a loaded rate including profit.

5005 Munitions support for flight training mission on pre-approved weekend and after  
hours munitions support of Sorties at the 80th Flight Training Wing.

318.16	\$31.43	NOT TO EXCEED	\$ 10,000.00
(Estimated Hours)	(Hourly Rate***)		(Estimated Total)

\*\*\*NOTE: The hourly rate is to be a loaded rate including profit.

5006	Area Wage Determination FY 98	\$ 12,668.65
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5007	Area Wage Determination FY 2000	\$ 16,566.71
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**CONTRACT      F41689-97-C0509**  
**Modification A00034**

**SECTION B**

**SUPPLIES AND SERVICES TO BE PERFORMED:** Contractor shall provide trainer and equipment maintenance services to support the Technical Training Center located at Sheppard AFB TX to include satellite maintenance activities in accordance with Section C, Performance Work Statement.

**ITEM**

6001 Mobilization Period\* (1 thru 30 Sep 97) \$ Zero Priced

6002 Sixth Option Period (01 Oct 2002 thru 31 Mar 2003)

The offeror shall submit the proposed total pricing arrangement below based on the projected transfer dates identified in the workcenter bid schedule.

Target Cost	\$	2,936,033.60
Modification A0005	\$	66,732.89
Modification A0009	\$	26,614.59
Modification A0013	\$	(327.35)
Modification A00020	\$	21,850.27
Modification A00030	\$	13,400.00
Modification A00034	\$	82,531.10
<b>Total Target Cost</b>	<b>\$      3,329,856.19</b>	<b><u>\$    3,146,835.10</u></b>
Target Profit	\$	176,162.02
Modification A0005	\$	3,984.06
Modification A0009	\$	1,588.94
Modification A0013	\$	(19.55)
Modification A00020	\$	1,305.62
Modification A00030	\$	-
Modification A00034	\$	4,951.87
<b>Total Target Profit (6.00%)</b>	<b><u>\$    183,021.09</u></b>	
<b>Total Target Price (106.00%)</b>	<b><u>\$    3,334,808.06</u></b>	
<b>Ceiling Price (106.00%)</b>		<b><u>\$0.00</u></b>

**Share Formulas:**

**GOVERNMENT /CONTRACTOR**

Over Target (%) 0 /100

Under Target (%) 70 /30

6003 Reimbursable Travel **NOT TO EXCEED      \$    20,000.00**

(Cost reimbursement basis only. No overhead or profit will be paid in support of this CLIN.

Rates shall not exceed those established in the Joint Travel Regulations - in effect at the time of travel - for both per diem and travel expenses - IAW Section Section H-901)

NOTE: If, at the convenience of the Government it is determined to be more cost effective for a commercial instructor to travel to Sheppard Air Force Base or any one of the other sites on contract to conduct training on new equipment/systems reimbursement will be made from Reimbursable Travel CLIN. The Contractor shall purchase training, at their expense and request reimbursement from the Government under the Reimbursable Travel CLIN.

CONTRACT  
Modification A00034

F41689-97-C0509

SECTION B  
SIXTH OPTION PERIOD CONTINUED

ITEM

Unpacking, assembly, repairs and any  
requirement in preparation for bringing  
trainers and other equipment on line.

0.00	\$23.70	NOT TO EXCEED	\$	-
(Estimated Hours)	(Hourly Rate**)		(Estimated Total)	

\* NOTE 1: The Mobilization Period is a one-time CLIN  
included in the Basic Year.

\*\*NOTE: The hourly rate is to be a loaded rate including profit.

6005 Munitions support for flight training mission on pre-approved weekend and after  
hours munitions support of Sorties at the 80th Flight Training Wing.

318.17	\$31.43	NOT TO EXCEED	\$	10,000.00
(Estimated Hours)	(Hourly Rate***)		(Estimated Total)	

\*\*\*NOTE: The hourly rate is to be a loaded rate including profit.

6006	Area Wage Determination FY 98	\$	12,668.65
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6007	Area Wage Determination FY 2000	\$	16,566.71
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**CONTRACT**  
**Modification A00034**

F41689-97-C0509

**SECTION B**

**SUPPLIES AND SERVICES TO BE PERFORMED:** Contractor shall provide trainer and equipment maintenance services to support the Technical Training Center located at Sheppard AFB TX to include satellite maintenance activities in accordance with Section C, Performance Work Statement.

**ITEM**

7001	Mobilization Period* (1 thru 30 Sep 97)	\$ Zero Priced
7002	Seventh Option Period (01 Apr 2003 thru 30 Sep 2003) The offeror shall submit the proposed total pricing arrangement below based on the projected transfer dates identified in the workcenter bid schedule.	
	Target Cost	\$2,936,033.60
	Modification A0005	\$66,732.89
	Modification A0009	\$26,614.58
	Modification A0013	(\$327.35)
	Modification A00020	\$21,850.27
	Modification A00030	(\$13,400.00)
	Modification A00034	\$81,674.70
	<b>Total Target Cost</b>	<b>\$3,119,178.69</b>
	Target Profit	\$176,162.01
	Modification A0005	\$3,984.06
	Modification A0009	\$1,588.93
	Modification A0013	(\$19.54)
	Modification A00020	\$1,305.62
	Modification A00030	\$0.00
	Modification A00034	\$4,900.48
	<b>Total Target Profit (6.00%)</b>	<b>\$183,021.08</b>
	<b>Total Target Price (106.00%)</b>	<b>\$ 3,307,100.25</b>
	<b>Ceiling Price (106.00%)</b>	<b>\$0.00</b>

**Share Formulas:****GOVERNMENT /CONTRACTOR**

Over Target (%)

0 /100

Under Target (%)

70 /30

CONTRACT F41689-97-C0509  
Modification A00034

SECTION B  
SEVENTH OPTION PERIOD CONTINUED

7003 Reimbursable Travel NOT TO EXCEED \$ 20,000.00

(Cost reimbursement basis only. No overhead or profit will be paid in support of this CLIN.

Rates shall not exceed those established in the Joint Travel Regulations - in effect at

the time of travel - for both per diem and travel expenses - IAW Section Section H-901)

NOTE: If, at the convenience of the Government it is determined to be more cost effective for a commercial instructor to travel to Sheppard Air Force Base or any one of the other sites on contract to conduct training on new equipment/systems reimbursement will be made from Reimbursable Travel CLIN. The Contractor shall purchase training, at their expense and request reimbursement from the Government under the Reimbursable Travel CLIN.

7004 Unpacking, assembly, repairs and any requirement in preparation for bringing trainers and other equipment on line.

0.00	\$23.70	NOT TO EXCEED	\$ -
(Estimated Hours)	(Hourly Rate**)		(Estimated Total)

\* NOTE 1: The Mobilization Period is a one-time CLIN included in the Basic Year.

\*\*NOTE: The hourly rate is to be a loaded rate including profit.

7005 Munitions support for flight training mission on pre-approved weekend and after hours munitions support of Sorties at the 80th Flight Training Wing.

318.16	\$31.43	NOT TO EXCEED	\$ 10,000.00
(Estimated Hours)	(Hourly Rate***)		(Estimated Total)

\*\*\*NOTE: The hourly rate is to be a loaded rate including profit.

7006 Area Wage Determination FY 98 \$ 12,668.65

7007 Area Wage Determination FY 2000 \$ 16,566.71

PART I – THE SCHEDULE  
SECTION F  
DELIVERIES OR PERFORMANCE

F-12. **PERIOD OF PERFORMANCE**  
(IAW FAR 11.401(a))

Performance under this contract shall be from 1 October 1997 through 30 September 1998 for the base period, and seven option periods if exercised: 1<sup>st</sup> Option Period from 1 October 1998 through 30 September 1999; 2<sup>nd</sup> Option Period from 1 October 1999 through 30 September 2000; 3<sup>rd</sup> Option Period from 1 October 2000 through 30 September 2001; 4<sup>th</sup> Option Period from 1 October 2001 through 31 March 2002; 5<sup>th</sup> Option Period from 1 April 2002 through 30 September 2002, 6<sup>th</sup> Option Period 1 October 2002 through 31 March 2003, and 7<sup>th</sup> Option Period 1 April 2003 through 30 September 2003.

F-13. **PLACE OF PERFORMANCE**  
(IAW FAR 11.401(a))

Services under this contract are required to be performed at the following location(s): Sheppard AFB, and Goodfellow AFB, TX; NAS Pensacola, FL; Vandenberg AFB, CA; Fort Eustis, VA; and other locations on an as needed basis as required by the performance work statement.

F-26.	52.212-15	<b>STOP WORK ORDERS</b> (IAW FAR 42.1305(b))	<b>AUG 1989</b>
F-27.	52.212-15	<b>ALTERNATE I</b> (IAW FAR 42.1305(b)(2))	<b>AUG 1984</b>
F-29.	52.242-17	<b>GOVERNMENT DELAY OF WORK</b> (IAW FAR 42.1305(d))	<b>APR 1984</b>
F-68.	52.247-55	<b>F.O.B. POINT FOR DELIVERY OF GOVERNMENT-FURNISHED PROPERTY</b> (IAW FAR 47.305-12(a)(2))	<b>APR 1984</b>
F-602.	5352.236-9000	<b>HOURS OF WORK</b> (IAW AETCFARS 5336.500)	<b>JUL 1993</b>

The normal hours of work on **government installations** are from **7:30 AM to 4:30 PM**, Monday through Friday, excluding holidays. Access to work sites may be restricted to these hours and days. Work during other than normal hours must be coordinated in advance with the Contracting Officer.

1.3.16. A self-inspection program IAW AFI 90-201.

1.3.17. A program to manage Government directed, one time special inspections IAW AETCI 21-101.

1.3.18. A program to ensure only qualified production inspectors clear red X, NRTS, danger tags, 350 tags, and In-Process Inspections (IPI) using special certification and training listings IAW AETCI 21-101 and AETCI 21-103.

1.3.19. A monthly summary of all QE actions which, as a minimum, shall include inspection and personnel evaluation results and category. This summary shall be provided to the QAE NLT 7 duty days after the end of each month.

1.4. QUALITY ASSURANCE. The Government is responsible for quality assurance (QA). The Government will evaluate the contractor's performance under this contract using the contractor's QMEP, this contract, Government regulations and manuals (or portions thereof), applicable technical orders, surveillance techniques, all performance standards listed in TE-6, and the technical surveillance/observation areas listed in paragraph 1.4.1. The Government will evaluate the contractor's adherence to the requirements of this contract by periodic surveillance methods, utilizing a quality assurance surveillance plan, sampling guides and the procedures specified in AFM 64-108, AETCI 21-101 AND AETCI 21-107. All areas of the contract are subject to Government surveillance.

1.4.1. Technical Surveillance/Observation Areas/Safety Violations. The Government will surveil and rate contractor performance based on provisions of paragraph 1.4. and the following technical surveillances and observations (as defined in AETCI 21-107).

a. Technical Surveillances:

1. Trainer Maintenance Actions
2. GITA/Historical (Static) Displays Maintenance Actions
3. Support Equipment Maintenance Actions
4. Special Inspections and TCTO
5. Specialized Equipment

b. Observations:

1. Specific Work Areas specified in AETCI 21-107 to include GoldWay and Circuit Card Repair

c. Safety Violations. Safety violations will be documented as specified in AETCI 21-101, and are not included when computing standard, technical, or observation ratings.

d. The contractor rates for Technical Surveillances/Observation area standards as specified in TE-6 shall be maintained at an overall satisfactory level on a monthly basis.

limited to purchase of Merchant Categories B, D, E, G, J, K, S, and U. The contractor shall not exceed the maximum allowable purchase of \$2,500.00, and all purchases must be within each billing cycle per current guidelines. The contractor shall comply with the United States Air Force Internal Procedures for Using the IMPAC Manual, and the Trainer Maintenance Policy Statement. The contractor shall be held financially liable for the actions of contractor employees performing the duties of IMPAC cardholders in the event of unauthorized purchases, careless use, abuse and misuse of the government purchase card.

5.5. COMPOSITE TOOL KITS (CTK). The contractor shall establish a Composite Tool Kit Program IAW AETCI 21-101, to include establishment of a contractor regulation.

5.6. INCLEMENT WEATHER. The contractor shall establish a contractor regulation for trainer, GITA, historical/static displays, support equipment, and Government vehicles (under the contractor's control) protection during weather conditions which could cause damage.

5.7. HISTORICAL/STATIC DISPLAY AIRCRAFT/MISSILES. The contractor shall maintain static display aircraft/missiles at Sheppard and Goodfellow AFBs IAW AFI 84-103 and AETCI 21-101, USAF loan agreement and SAFBI 21-101. (Ref: TE-2 for workload data.)

5.7.1. PRESERVATION. The contractor shall perform scheduled and unscheduled inspections, component reclamation actions, repairs, child proofing, bird proofing, modifications, corrosion control, etc., to include cleaning and painting to preserve assigned historical exhibits.

5.7.1.1. Assist and place to include mounting/dismounting of historical exhibits IAW applicable technical data, as directed by the CO.

5.7.1.2. Assemble/disassemble historical exhibits, as directed by CO.

5.7.2. Forms Documentation. The contractor shall maintain and document all historical/static displays maintenance actions as prescribed in 00-20 series TOs.

5.7.3. Reports. The contractor shall provide information to the ACO as required for historical/static display aircraft.

5.7.4. Painting. All Historical/Static Display Aircraft/Missiles shall receive a complete paint every 2 years, or as directed by the CO.

5.8. MANAGE GOLD WAY AND CIRCUIT CARD REPAIR: The contractor shall provide increased/sustained asset availability, reduce overall associated costs, and encourage innovative trainer maintenance IAW AETCI 21-111 and AFI 21-123.

5.8.1. Manage, research, develop, and perform asset repair initiatives to increase wing's level of self-sufficiency.

5.8.2. Coordinate with Air Force Materiel Command (AFMC) item managers for the local repair authorization of depot level repairable assets.

5.8.3. Direct the salvage and repair of assets used on training devices to support mission requirements, Air Force-wide.

5.8.3.1. Direct the salvage of and repair of assets on Ground Instructional Training Aircraft when the assets intended for DRMO can be turned into the supply system to meet Air Force wide mission requirements.

5.8.4. Act as wing POC to assist other federal agencies in obtaining salvageable assets, whenever possible.

5.8.5. Explore all DoD salvage yards by using various methods, from use of the Internet, to visual inspections in order to obtain spare assets.

5.8.6. Not change the configuration of components or end items, which in turn changes tolerances and values.

5.8.7. Ensure CCR technicians are certified in CCR electronic repair procedures to the level outlined in TO 00-25-259. Each program provider will implement a certification/re-certification plan. Training may be needed to operate and maintain unique, nonstandard equipment to identify, remove, replace, and operationally check components.

5.8.8. Maintain at least one technician with prior Avionics experience and depot-level CCR training. This includes at least 5100DS tracker self-taught tutorial training and Mil-STD-2000, Standard requirements for soldering electrical and electronic assemblies, certification. This certification is achieved by successful completion of formal high reliability circuit board repair courses, J4AMF/ASF/AST30000-110, PDS Code: W3T "Miniature Electronic repair," and J4AMF/ASF/AST 30000-113, PDS Code: WUE "Micro-miniature Electronic Repair." These courses are offered by 982 TRG, 372 TRS, Detachment 11, Davis Monthan AFB AZ, or by the US Navy. Annual re-certification for micro/micro-miniature repair from at least a depot-level MIL-STD-2000 certified or equivalent course is required. Gold Way Lead elements will (IAW 33D7-38-309-1, DoD AN/USM-658(V) Gold Disk Development Procedures) also have at least one technician trained in Gold Disk development by the Gold disk developer (Naval Undersea Warfare Center).

5.8.9. Prepare and transmit quarterly cross-tell reports, by the 15th of the month following the end of each quarter during the fiscal year.

5.9. ZERO OVERPRICING PROGRAM. The contractor shall support base Zero Overpricing Program IAW AFM 67-1, Vol 7, pt 4.

5.10. WASTEBUSTER PROGRAM. The contractor shall establish a contractor regulation for a Wastebuster program using AFM 67-1 and AFR 67-23 for guidance.

5.10.1. The contractor shall separate and salvage scrap metals IAW AFM 67-1, Vol VI.

5.11. FIRE TRAINING COURSE SUPPORT. The contractor shall establish a trainer maintenance operation to support the Fire Training and Intelligence courses at Goodfellow AFB TX. The maintenance operation shall be responsible for historical displays, trainer, GITA, and support equipment servicing, scheduled and unscheduled maintenance, TCTOs to include local and command-directed inspections, cleaning, and ground handling. They shall work closely with MOC to report current trainer, GITA, and equipment status and request specialist support for maintenance beyond the capabilities of their personnel or equipment IAW AETCI 21-101, Volume II. The contractor shall:

5.11.1. Perform scheduled and unscheduled inspections, repairs, operational checks, modifications, calibrations, installation, corrosion control, servicing, etc., to provide fully mission capable (FMC) trainer assemblies, subassemblies and components IAW applicable technical data. The contractor shall provide maintenance support to minimize the loss of student training time. All contractor proposed changes to scheduled maintenance will be coordinated at least one work day in advance with the customer. The contractor shall respond to scheduled and/or unscheduled maintenance customer requests as specified in AETCI 21-101, and SAFBI 21-101. When contractor action changes trainer status and/or availability, the contractor shall advise the customer of the change(s) IAW AETCI 21-101, Volume II, and SAFBI 21-101. The contractor responsibilities shall include the following:

5.11.1.1. Repair fire school training protection equipment to include Interspiro air pack equipment, fire suits, gloves, etc.

5.11.1.2. Repair fire school training equipment to include axes, nozzles, hammers, compressors, fillstations, etc.

5.11.1.3. Local manufacture fire school training rescue dummies.

5.11.1.4. Maintain fire school training mannequins.

5.11.1.5. Refurbish and/or build roof section trainers.

- 5.11.1.5.1. Manufacture Plywood Sheets. (Ref. TE-2 for workload data.)
- 5.11.1.6. Refurbish fire investigation trainers to include replacement of drywall, windows, doors, ceiling, floor, etc. as required.
- 5.11.1.7. Obtain certifications and licensees as directed in paragraph 1.2.2.2.1.
- 5.11.1.8. Perform Ground Ladder testing and maintenance IAW NFPA Standard 1932.
- 5.11.1.9. Perform maintenance on LP-Gas Burn Trainers (burn pits, 3-2-1 trainer, etc.) IAW NFPA Standards.
- 5.11.1.10. Maintain and document all maintenance actions on trainer, GITA, historical/static display, TMDE, and support equipment forms IAW Technical Order 00-20 series.
- 5.11.1.11. Assist owning work center in the scheduled and unscheduled movement of trainers. The contractors responsibility shall be to ensure proper configuration correct power requirements and installation suitable location and positioning for maintenance access and to perform operational checkout prior to training use.
- 5.11.1.12. Perform scheduled/unscheduled pickup, delivery, and positioning of trainers, GITAs, support equipment to meet mission requirements.
- 5.11.1.13. Perform periodic, calendar, and local inspections on trainers, GITAs and support equipment applicable -6 TO, commercial manuals, or local workcards/inspection checklists as applicable.
- 5.11.1.14. The contractor shall provide powered and non-powered aerospace ground equipment (AGE) maintenance, to support the Technical Training mission.
  - 5.11.1.14.1. provide for troubleshooting, repair, modification, and inspection of powered and non-powered AGE assigned to the Fire School, maintenance shops and other base agencies as directed by the ACO.
- 5.11.2. Repair fire department training protection equipment to include Interspiro air pack equipment, fire suits, etc.
- 5.11.3. Local manufacture fire department training rescue dummies.
- 5.11.4. Maintain fire department training mannequins.

5.11.5. Refurbish and/or build roof section trainers (Pallets) (Ref TE-2 for workload data).

5.11.6. Refurbish fire investigation trainer to include replacement of dry wall, windows, doors, ceiling, floor, etc. as required.

5.12. MAINTENANCE FUNCTION. The contractor shall establish a maintenance function which is responsible for scheduled and unscheduled maintenance, TCTOs to include local and command- directed inspections, cleaning, and ground handling of trainers (including but not limited to Aircraft related, Civil Engineering, Weapons, Avionics, Survival, Environmental, Engines, and Fuel trainers), GITA, historical/static display, and support equipment servicing. They shall work closely with MOC to report current trainer, GITA, historical/static display, and equipment status and request specialist support for maintenance beyond the capabilities of their personnel or equipment IAW AETCI 21-101.

5.12.1. The contractor shall perform scheduled and unscheduled inspections, repairs, operational checks, modifications, calibrations, installation, corrosion control, servicing, etc., to provide full mission capable (FMC) trainer assemblies, subassemblies and components IAW applicable technical data. FMC requirements for grounded GITA aircraft are identified in the STRW Aircraft Utilization and System Requirements Listing. The contractor shall provide maintenance support to minimize the loss of student training time. All contractor proposed changes to scheduled maintenance will be coordinated at least one work day in advance with the customer. The contractor shall respond to scheduled or unscheduled maintenance customer requests IAW AETCI 21-101, and STRW Instruction 21-101. When contractor action changes trainer status and/or availability, the contractor shall advise the customer of the change(s) within the time limits IAW AETCI 21-101, and SAFBI 21-101.

5.12.1.1. Maintain and document all maintenance actions on trainer, GITA, historical/static display, TMDE, and support equipment forms IAW Technical Order 00-20 series.

5.12.1.2. Assist owning work centers in the scheduled and unscheduled movement of trainers. The contractor's responsibility shall be to ensure: proper configuration, correct power requirements and installation, suitable location and positioning for maintenance access, and to perform operational checkout prior to training use. The contractor shall assist in the relocation of trainers, GITAs, and support equipment in support of annual base open house, and functions which include all wing supported or endorsed functions such as Freedom Feast, Christmas Exodus, Officer's Wives' Club Bazaar; air shows, banquets, change-of-command ceremonies at the group level or higher, retirement ceremonies (on a case by case basis) and additional functions as directed by the ACO. The contractor shall not be required to support more than 10 functions per fiscal year,

if more than ten functions require contractor support in a given fiscal year the contractor may request an equitable adjustment for the support of the functions exceeding ten per fiscal year through the ACO.

5.12.1.3. Perform scheduled/unscheduled pickup, delivery, and positioning of trainers, GITAs, support equipment, and TMDE to meet mission requirements.

5.12.1.4. Perform periodic, calendar, and local inspections on trainers and GITAs utilizing applicable --6 TO inspection requirements.

5.12.1.5. The contractor shall perform minor fuel maintenance, repair, functional check and inspection of Trainers and GITA fuel systems and components including maintenance of associated systems containing any petroleum based liquid and or any liquid containing a petroleum product being used in the system. The contractor will not be required to perform any maintenance requiring open cells on trainer/GITA(s).

5.12.1.5.1. The contractor shall ensure contractor maintenance personnel's compliance with Sheppard Air Force Base Spill Prevention and Response Plan (Short Title: SAFB 705) as it applies to their operation while performing minor fuel systems maintenance, as stated in paragraph 5.12.1.5., and ensure that all requirements of the pws paragraph 5.24. Hazardous Waste Management are met.

5.12.1.5.2. The contractor shall determine with assistance from the appropriate owner of the Trainer/GITA(s) if the fuel leak discrepancy requires repair. The contractor shall request assistance for open cell fuel tank repairs in accordance with Technical order 00-25-107. The contractor shall coordinate the request for assistance through the 82 MXS/LGML office prior to the transmission of the request to 2 AF and HQ AETC.

5.12.1.6. The contractor shall provide on- and off-equipment maintenance for propulsion units and components. Responsibilities shall include, but not be limited to, the following areas IAW AETCI 21-101. The contractor shall:

5.12.1.6.1. Accomplish engine removal, installation, inspection, repair, test, adjustment, trim, conditioning, component replacement and on equipment repair. Deliver/pick up engines to and from the Base Supply building when an engine is to be shipped/received from depot or other locations.

5.12.1.6.2. Accomplish engine/component preservation prior to shipping IAW TO 2J-1-18.

5.12.1.6.3. Accomplish engine/component packaging (can/decan) IAW TO 2J-1-18.

5.12.1.7. Perform egress system maintenance, repair, functional check, and inspection.

5.12.1.8. Scheduling Use of the Building 1360 Ramp for Air craft Painting:

a. The contractor may perform aircraft painting at the northeast corner of the building 1360 ramp as mission requirements allow. If mission requirements do not permit, the contractor shall schedule and perform aircraft painting as required in paragraph 5.12. and 5.12.1 scheduling the painting in appropriate sites for painting.

b. If the contractor wishes to use the northeast corner of the building number 1360 ramp, the contractor shall contact the Airfield Manager, Chief of Base Operations, for prior approval of the painting schedule before utilizing the northeast corner of the building 1360 ramp.

c. The Airfield Management Section will approve/disapprove the requested scheduled painting based upon mission requirements. If the Airfield Management Section provides approval for the contractor to paint on the ramp, the contractor shall move the aircraft with a 24 hour notice from the Aircraft Management Section, the 82 MXS/LGMQ, or the ACO.

5.13. AIRCRAFT STRUCTURAL MAINTENANCE, GENERAL ADVANCED COMPOSITE REPAIR AND NON-DESTRUCTIVE INSPECTION (NDI) COURSE. The contractor shall establish a trainer maintenance operation at NAS Pensacola, Pensacola FL. The maintenance operation shall be responsible for trainer and support equipment servicing, scheduled and unscheduled maintenance, TCTOs to include local and command-directed inspections, cleaning, and ground handling. They shall work closely with Sheppard AFB Trainer Maintenance MOC to report current trainer and equipment status and request specialist support for maintenance beyond the capabilities of their personnel or equipment IAW AETCI 21-101. The contractor shall:

5.13.1. Perform scheduled and unscheduled inspections, repairs, operational checks, modifications, calibrations, installation, corrosion control, servicing, etc., to provide fully mission capable (FMC) trainer assemblies, subassemblies and components IAW applicable technical data. The contractor shall provide maintenance support to minimize the loss of student training time. All contractor proposed changes to scheduled maintenance will be coordinated at least one work day in advance with the customer. The contractor shall respond to scheduled/unscheduled maintenance customer requests as specified in AETCI 21-101, and SAFBI 21-101. When contractor action changes trainer status and/or availability, the contractor shall advise the customer of the change(s) within the time limits IAW AETCI 21-101, and SAFBI 21-101.

**5.14. AIR LAUNCHED MISSILES SYSTEM MAINTENANCE TRAINING.**

The Contractor shall establish a trainer maintenance operation at Vandenberg AFB CA. The maintenance operation shall be responsible for trainer and support equipment servicing, scheduled and unscheduled maintenance, TCTOs to include local and command-directed inspections, cleaning, and ground handling. They shall work closely with Sheppard AFB Trainer Maintenance MOC to report current trainer and equipment status and request specialist support for maintenance beyond the capabilities of their personnel or equipment IAW AETCI 21-101. The contractor shall:

5.14.1. Perform scheduled and unscheduled inspections, repairs, operational checks, modifications, calibrations, installation, corrosion control, servicing, etc., to provide fully mission capable (FMC) trainer assemblies, subassemblies and components IAW applicable technical data. The contractor shall provide maintenance support to minimize the loss of student training time. All contractor proposed changes to scheduled maintenance will be coordinated at least one work day in advance with the customer. The contractor shall respond to scheduled/unscheduled maintenance customer requests as specified in AETCI 21-101, and SAFBI 21-101. When contractor action changes trainer status and/or availability, the contractor shall advise the customer of the change(s) within the time limits IAW AETCI 21-101, and SAFBI 21-101.

**5.15. SPECIALIST MAINTENANCE.** The contractor shall provide on- and off-equipment scheduled and unscheduled maintenance and accomplish TCTOs and local/command-directed inspections/modifications (J-Codes/L-Codes). This requirement applies to all functions listed in paragraphs 5.11. through 5.26.

5.15.1. The contractor shall comply with precious metals control and disposition procedures IAW AETCI 21-101 and AFR 400-14.

5.15.2. The contractor shall produce required items coded as local manufacture IAW AETCI 21-101 and SAFBI 21-101, at no additional cost to the Government, as required by the CO.

**5.16. FABRICATION MAINTENANCE.** The contractor shall provide on- and off-equipment maintenance capability for metals technology and structural maintenance IAW AETCI 21-101. The contractor shall:

5.16.1. Provide metals technology to include inspection, repair, fabrication, heat treating, welding, cleaning and testing of metal components for trainers, GITA, historical/static displays, and support equipment IAW AFI 21-105 and AETCI 21-101.

5.16.1.1. Contractor welders shall be qualified, certified and recertified IAW AFI 21-105.

5.16.1.2. Provide machine shop support for the manufacture and repair of trainers, GITAs, historical/static displays, and equipment parts, assemblies, and tools IAW AETCI 21-101.

5.16.2. Provide structural maintenance to include modification, manufacture, repair, and inspection of sheet metal, fiberglass, wood and plastic components, and related hardware for support equipment, trainer, GITA, and historical/static displays IAW AETCI 21-101.

5.16.2.1. Utilize corrosion control facility for detecting and treating trainers, GITAs, historical/static displays, and support equipment for corrosion and applying protective coatings IAW AETCI 21-101.

5.16.2.2. Provide major, full, minor paint, and replace deteriorated marking decals on trainers, GITAs, and static displays (historical exhibits) IAW AFI 21-105, AFI 21-106, AETCI 21-101, and applicable Tech Data. This includes minor and major touch up as needed or as directed by the CO.

5.16.2.2.1. The contractor shall provide to the FAC and CO a painting schedule to show a complete paint of all aircraft over a five year period.

5.16.2.3. Strip paint from trainers, GITAs, historical/static displays, support equipment using the system(s) provided by the Government IAW applicable regulations and TOs 1-1-4 and 1-1-8 or as directed by the CO.

5.16.2.4. Provide NDI capability to determine structural integrity of trainers, GITAs, and support equipment IAW AFI 21-105 and AETCI 21-101.

5.17 MUNITIONS MANAGEMENT: The contractor shall establish a Munitions Management function which is responsible for requisition, issue, reporting, inventorying, custody account operations, and stock level management.

5.17.1 Munitions Operation. The contractor shall:

5.17.1.1. Perform all functions applicable to operating the munitions (FV) account IAW AFI 21-201, AFI 21-202, and AETCI 21-101, Vol 2.

5.17.1.2. Perform all functions that have been delegated by the Munitions Accountable System Officer (MASO) IAW AFI 21-202.

5.17.1.3. Process all munitions transactions utilizing the CAS-B IAW AFI 21-202, and AFM 136-824.

5.17.1.4. Present all inventory adjustment documents to the MASO for approval and signature IAW 21-202.

5.17.2. Management of Munitions Accounts. The contractor shall:

5.17.2.1. Manage all munitions accounts IAW AFI 21-202 and AFI 21-203.

5.17.2.2. Manage all munitions account authorization/allocation levels IAW AFI 21-202.

5.17.2.2.1. Perform and document a monthly review of appropriate SBSS records to ensure no munitions assets show up on the Base Supply Records.

5.17.2.3. Maintain and act as OPR for the Munitions Customers' Guide IAW AFI 21-202, and AETCI 21-101, Vol 2 and ensure this guide is distributed to all munitions custodians and their organizational commanders.

5.17.2.4. Ensure organizations that store their own munitions/explosives have approved facilities prior to issuing explosive assets to their munitions account. Their facilities must be either properly sited or licensed by Wing Safety IAW AFI 91-201.

5.17.2.5. Train, brief and provide written instructions to organization commanders, certifying officials, and primary account custodians. These instructions will:

5.17.2.5.1. Outline their individual duties and responsibilities relating to the management of a munitions account IAW AFI 21-202 and AETCI 21-101, Vol 2.

5.17.2.5.2. Be signed by each individual upon completion of the briefing.

5.17.2.5.3. Cover procedures for requests for issue, turn-in, expenditure reporting, and actions to take in case of theft, loss, or inadvertent firing or activation of an explosive item.

5.17.2.5.4. Be provided to and signed by each organization commander, certifying official, and account custodian upon assignment or appointment to that position.

5.17.2.6. Ensure a courtesy storage agreement is maintained for each organization requesting courtesy storage.

5.17.2.7. Segregate courtesy-stored munitions assets from base stock assets.

5.17.2.8. Provide munitions handling training and technical assistance to account custodians as required.

5.17.2.9. Maintain an AF Form 68 for each approved munitions account IAW AFI 21-202.

5.17.2.10. Maintain a jacket file for each munitions account IAW AFI 21-2-2.

5.17.2.11. Provide an IS507A, Custody Account Listing to each munitions account custodian quarterly or when requested.

5.17.2.12. Provide each munitions account custodian an IS430A, Count/Recount Listing to conduct the quarterly inventory.

5.17.3. Munitions Storage. The Contractor shall:

5.17.3.1 Store all base stock munitions assets IAW DoD 6055.9-STD, AFI 21-201, AFMAN 91-201, and applicable technical orders.

5.17.3.2. Provide courtesy storage as required for munitions accounts whose organization is unable to provide adequate/approved storage for their assets.

5.17.3.2.1. Provide continuous escort for munitions account custodians when accessing munitions structures containing assets other than those assigned to their account.

5.17.3.3. Ensure courtesy-stored munitions assets are properly placard and stored IAW AFI 21-201 and AETCI 21-101, Vol 2.

5.17.3.4. Ensure account custodians keep their areas neat, clean, and properly maintained.

5.17.3.5. Provide access to courtesy-stored munitions to account custodians.

5.17.4. Munitions Inspection. The contractor shall:

5.17.4.1. Perform all required munitions receiving, periodic, storage monitoring, pre-issue, shipping, returned munitions, and special inspections IAW AFI 21-201 and applicable technical orders.

5.17.4.2. Initiate, process, and conduct follow-up actions on Ammunition Disposition Request (ADRs) for all munitions assets as required IAW AFI 21-202 and applicable technical orders.

5.17.4.3. Ensure all locally approved ADRs are within the quarterly allowable dollar limits IAW AFI 21-202.

5.17.5. Munitions Transportation and Handling. The contractor shall:

5.17.5.1. Ensure all account custodians handle and transport their munitions assets IAW AFI 21-201 and AFMAN 91-201.

5.17.5.2. Notify 82 TRW Security Police to provide escort during movements of high and very high risk munitions when transported outside the munitions storage area IAW OPLAN 125-37.

5.17.5.3. Transport munitions outside the munitions storage area only along routes designated as either Primary or Alternate Explosives Routes by the 82 TRW Safety Office.

5.17.5.4. Transport Class C explosives and inert munitions identified and prepared for shipment to the Transportation Management Office (TMO) as required.

5.17.5.5. The contractor shall download and store all incoming munitions shipments as required. In the event an unsafe condition is noted by base supply personnel during the vehicle inspection conducted using the DD Form 626, the contractor shall download, transport as necessary and temporarily store all transient explosive munitions items until the unsafe condition is remedied. The contractor shall then reload the transient munitions onto the vehicle once base supply personnel conduct the re-inspection and clear the discrepancy. The contractor shall ensure that the 82 MXS/LGMQ has been notified.

5.17.6. Aircrew Munitions Training Account. The contractor shall:

5.17.6.1. Act as munitions account custodian and properly manage all aspects of the aircrew munitions training account IAW AFI 21-202 and 36-2217.

5.17.6.2. Requisition, receive, assemble, maintain, and store all required aircrew training munitions assets IAW AFI 36-2217, 21-201, AFMAN 91-201, and applicable technical orders.

5.17.6.3. Transport built up aircrew training munitions to and from the designated holding area as required IAW AFI 21-201, 21-202, 36-2217, and AFMAN 91-201.

5.17.6.4. Establish a contractor regulation to ensure accountability of aircrew training munitions assets IAW AFI 21-201, 21-202, and 36-2217.

5.18. AEROSPACE SYSTEMS MAINTENANCE. The contractor shall perform on- and off- equipment maintenance for pneudraulics, environmental, and electrical systems IAW AETCI 21-101. The contractor shall:

5.18.1. Perform on- and off- equipment maintenance and testing on pneudraulic, hydraulic, and pneumatic systems and components including the ability to manufacture and test Flexible hoses and the testing of tubing assemblies associated with these systems IAW AETCI 21-101.

5.18.3. Perform on- and off- equipment maintenance and testing on electrical systems and maintenance support of support equipment systems. Perform authorized local manufacture, repair, overhaul, service, testing, modification, and inspection of electrical components, batteries, and battery charging units IAW AETCI 21-101.

5.19. AEROSPACE GROUND EQUIPMENT MAINTENANCE. The contractor shall provide powered and nonpowered aerospace ground equipment (AGE) and trainer maintenance, scheduling, delivery, etc., to support the Technical Training mission. AGE items are those items of portable engines, motor driven, battery powered start carts, or nonpowered ground equipment used in servicing, handling, and maintaining trainer, GITA, and historical/static display subsystems and equipment IAW AETCI 21-101. The contractor responsibilities shall include, but not be limited to the following:

5.19.1. Provide for pickup, delivery, troubleshooting, repair, modification, inspection and servicing of powered and nonpowered AGE and for maintenance of all AGE assigned to maintenance shops and other base agencies (Ref TE-2 for workload data and base agency AGE listing).

5.19.2. Ensure AGE storage area is secure, clean, litter free, and presents a neat appearance.

5.20. TMDE/AVIONICS MAINTENANCE. The contractor shall maintain avionics systems and associated equipment IAW applicable AF Regulation, Technical Orders, and AETCI 21-101. The contractor shall:

5.20.1. Perform on- and off- equipment maintenance on general instrument systems, and test equipment. The contractor is responsible for inspection, calibration and repair of torque wrenches and tensiometers.

5.20.2. Provide repair, calibration, and certification of Test Measurement and Diagnostic Equipment (TMDE) designated Precision Measurement Equipment Laboratory (PMEL) responsibility in TO 33K-1-100 (series). Provide PMEL support to Air Force activities, other federal agencies, and contractors (authorized to receive such support IAW approved support agreements) on and off base. Provide assistance to activities, who are responsible for maintenance and calibration of TMDE designated as user's responsibility, when activities do not have the required skills and/or equipment. All maintenance and calibrations performed by the contractor must be accomplished using GFE and USAF approved technical data. The contractor shall manage the PMEL IAW AETCI 21-101, AFOSH 127-90, TO 00-20-14, TO 33-1-27, and SAFBI 21-101. The contractor shall meet minimum standards for quality to meet certification requirement IAW TO 00-20-14 (Ref TE-2 for workload data).

5.20.2.1. The contractor shall (IAW paragraph 3.2.12.) operate and maintain the PMEL in a condition to meet certification requirements IAW TO 00-20-14. Environmental out-of-tolerance conditions in the measurement/repair areas shall be reported as emergency. The contractor shall inform, by letter, the QAE, FAC, and HQ AETC/LGM in turn of facility discrepancies that may prevent certification of the PMEL.

5.20.2.2. The contractor shall be responsible for controlling, shipping and receiving of the TMDE identified by the Government which must be repaired and calibrated at locations other than 82 TRW. The contractor's responsibilities for TMDE maintained off- site are specified in AETCI 21-101 and TO 00-20-14.

5.20.2.3. TMDE Monthly Average Daily Working Backlog, and TMDE Monthly Average Total Working Backlog: The contractor's TMDE backlog shall not exceed the standards listed in TE-6.

5.20.2.4. The contractor shall use Precision Measurement Equipment Laboratory (PMEL) Automated Management System (PAMS) IAW AETCI 21-101 and PAMS regulations.

5.20.2.4.1. In addition to the requirements in paragraph 5.2.4, the contractor shall appoint two (2) personnel to perform additional duties as PAMS Managers. At least one (1) of the PAMS Managers must be assigned from PMEL (Manager, Scheduler or Quality Control). The PAMS Managers shall be responsible for system administration, writing retrieval reports, and security IAW PAMS 1-1, end-users manual, and Government furnished PAMS commercial software documentation. PAMS managers shall serve as the PMEL point of contact for PAMS to the base data management function and the data processing installation.

5.20.2.5. The contractor shall be responsible for repair and calibration of TMDE at locations other than 82 TRW IAW AETCI 21-101 (Ref: TE-7 for support agreements).

5.20.2.6. The contractor shall use the Air Force Metrology Calibration Center (AFMETCAL) electronic-mail system "agdis" for communication between PMEL, HQ AETC/LGMAA, AGMC, Depot, and other PMELs.

5.21. EQUIPMENT MAINTENANCE. The contractor shall accomplish all maintenance of Government furnished equipment listed in TEs -5B and -5D consistent with provisions in paragraph 3.2.8. Except those identified in paragraphs 3.2.8.1., 3.2.10.4. and 3.2.11.

5.22. EMERGENCY SERVICES. The contractor shall provide all maintenance support specified in existing Base Operation Plans (OPlans). (Ref: Sec TE-7 for current OPlans) The contractor shall:

5.22.1. Use the priorities established by the Contingency Support Staff (CSS) if the activation or exercise of multiple contingency plans generates conflicting support requirements. If the contractor cannot accomplish a routine workload due to the activation or exercise of any contingency plan, the QAE will verify to the CO, the validity of non-performance, and the Government may waive remedial action against the contractor for nonsupport of lower priorities.

5.22.2. Participate in the development of base OPlans that involve contractor controlled resources.

5.22.3. When required by the CO, respond to all new requirements directed by base OPlans incorporated in this contract. The CO will verbally advise the contractor of the effort required and follow up as soon as possible with a written authorization. In the event that new requirements (as directed by base OPlans) will result in an increase in contract price, the contractor shall submit a request for equitable adjustment within 30 days of notice of the new requirement.

5.22.4. Provide a representative, normally the contract manager or alternate(s), to the CSS who shall serve as a point of contact for all maintenance requirements during real or exercise contingency situations. The representative must have a secret security clearance and current training (Government furnished) in CSS operations. Contractor shall maintain a list of CSS qualified personnel and will request training from the FAC when needed.

5.23. INDUSTRIAL HYGIENE/OCCUPATIONAL HEALTH. The contractor shall establish an industrial hygiene program consistent with OSHA requirements as specified in 29 CFR 1910. The annual evaluations of Government furnished equipment can be used to augment this program. The contractor shall take appropriate air samples, accomplish noise dosimetry, conduct an ionizing radiation dosimetry program for its employees (as required), establish and provide any biological monitoring programs required, provide training in, and enforce the use of required personal protective equipment, hearing protection, respirators, safety glasses, etc., and report to the CO and Chief QAE any malfunctioning equipment requiring evaluations other than the annual surveys. The contractor shall maintain copies of Material Safety Data Sheets (MSDSs) IAW 29 CFR 1910.1200. If the contractor is unable to obtain an MSDS on an Air Force procured chemical, the contractor may request assistance from the bioenvironmental engineering office through the CO IAW paragraph 3.2.16.4. For local purchase chemicals, the contractor shall provide a copy of the MSDS to the USAF Medical Bioenvironmental Engineering Office.

5.24. HAZARDOUS WASTE MANAGEMENT. The contractor is responsible for establishing a hazardous waste management program for the management of its hazardous waste. All contract personnel handling hazardous waste shall be trained in the proper procedures for accumulation and transfer of the waste. The contractor is responsible for complying with AF/AETC directives and policies,

Training Wing regulations and OPlans on waste minimization. Hazardous waste will be managed IAW 40 Code of Federal Regulations, Parts 260-271; 49 Code of Federal Regulations, Parts 171 and 172; local and state rules and regulations, Article 18. The contractor shall establish and manage maintenance waste accumulations points, collect waste, and accomplish the required paperwork for product inventories, record keeping of hazardous waste, turn-in documents of acceptable accumulated waste, and transport to center disposal area required by the Defense Reutilization Marketing Office. The contractor will comply with Federal and State laws and Air Force regulations providing the correct documentation for the disposition of accumulated wastes. Hazardous waste minimization techniques shall be used in work procedures. Any new procedures or equipment required for waste minimization shall be operated by the contractor. The new equipment will become part of this contract.

5.25. IDENTIFYING AND REPORTING SAFETY HAZARDS AND MISHAPS. The contractor shall implement a system which will promptly identify and report safety hazards and mishaps involving Air Force facilities or equipment to the 82d Training Wing Safety Office. The contractor shall assist wing safety in the investigation and reporting such mishaps. Mishap investigation and reporting of accidents involving only contractor employees shall be the responsibility of the contractor. The contractor shall immediately notify the 82d Training Wing Safety staff through the FAC, of any on-the-job death or medical examination or treatment of a contractor employees as a result of an on-base, work related mishap or incident. The 82d Training Wing Safety staff will conduct work site visits of contractor operation to insure Air Force facilities and equipment are used and maintained IAW AF safety standards. The contractor shall take action as directed by the CO to correct unsafe conditions/hazards identified during the visit. The contractor shall accomplish the functional manager hazard abatement responsibilities IAW AFR 127-12 for the maintenance complex.

5.26. HELICOPTER MAINTENANCE COURSE SUPPORT. The contractor shall begin phase-in operations at Fort Eustis, VA on 28 January 1998 for full assumption of the maintenance to begin 28 February 1998. The maintenance operation shall be responsible for trainer, GITA, and support equipment servicing, aerospace ground equipment scheduled and unscheduled maintenance, TCTOs to include local and command-directed inspections, cleaning and ground handling. The contractor shall work closely with the Sheppard Trainer Maintenance MOC to report current trainer, GITA, and equipment status and request specialist support for maintenance beyond the capabilities of their personnel or equipment IAW AETCI 21-101.

5.26.1. The contractor shall perform scheduled and unscheduled inspections, repairs, operational checks, modifications, calibrations, installation, corrosion control, equipment placement and movement, servicing, etc. to provide fully mission capable (FMC) trainer assemblies, subassemblies and components IAW

applicable technical data. The contractor shall provide maintenance support to minimize the loss of student training time.

5.26.2. All contractor proposed changes to scheduled maintenance shall be coordinated at least one work day in advance with the customer. The contractor shall respond to scheduled and/or unscheduled maintenance customer requests as specified in AETCI 21-101, and SAFBI 21-101. When contractor action changes trainer status and/or availability, the contractor shall advise the customer of the change(s) within the time limits IAW AETCI 21-101 and SAFBI 21-101.

5.26.3. Trainer and GITA maintenance shall be performed in accordance with PWS para 5.12 and the aerospace ground equipment will be maintained in accordance with PWS para 5.19.

5.27. CUSTODIAL SERVICE (WORK AREAS). In addition to the General Industrial Operation requirements IAW AFOSH 91-66, the contractor shall:

5.27.1 Cleaning. Refer to CUSTODIAL STANDARDS (WORK AREAS) in TE-2, Work Load Estimates Custodian (Workareas) Workload.

5.27.1.1. Reserved.

5.27.1.2. Sweep floors. Chairs, trash receptacles, and easily moveable items shall be tilted or moved to sweep underneath.

5.27.1.3. Mop Floors. All accessible areas shall be mopped or scrubbed with floor machine. Chairs, trash receptacles, and easily moveable items shall be moved to mop underneath.

5.27.1.4. Maintain Floors. All tile floors, including accessible to floor machines shall receive floor maintenance. Chairs, trash receptacles and easily movable items shall be tilted or moved by contractor to maintain floors underneath. Tile floor maintenance includes the techniques of dry buffing, spray buffing, stripping, and waxing as required to achieve the above stated results. The techniques used depend upon the materials, equipment, and personnel used to do the job. Wax is only to be applied to floor surfaces that have been cleaned.

5.27.1.4.1. Hangar Floors. Hangar floors shall be maintained so that fluid spills (e.g., hydraulic fluid, oil, fuel, etc.), grease, and foreign debris are cleaned/removed as soon as possible. Maintenance includes wiping/mopping fluid and grease spills as they occur, and sweeping and mopping on a scheduled basis (Ref: TE-2, Work Load Estimates Custodian (Workareas) Workload).

5.27.1.5. Maintenance of Entrance Mats. Entrance mats shall be swept, vacuumed, or hosed-down outside to remove soil and grit. Soil and moisture

underneath entrance mats shall be removed and mats returned to their normal location.

5.27.1.6. Remove Trash/Clean Ash Trays. All waste baskets, cigarette butt receptacles (ash trays, butt cans, etc.) and other trash containers within the areas shall be emptied, each work day or shift change, and wiped clean. Any obviously soiled or torn plastic trash receptacle liners in such receptacles shall be replaced. Ashes, debris, and all residue shall be removed from cigarette butt receptacles and placed in a nonflammable container. The contractor shall pick up any trash that may fall onto the facility or grounds during the removal of such collected trash. The trash shall be deposited in the nearest outside trash collection point.

5.27.1.7. Perform Low Dusting. All dust, lint, litter, and dry soil shall be removed from the horizontal surfaces of desks, chairs, file cabinets, and other types of office furniture and equipment, and from horizontal ledges, window sills, hand rails, etc., to a line 7'0" above the top of the floor level. All items moved to perform dusting will be returned to proper location.

5.27.1.8. Clean Glass. Includes all glass partitions, interior and exterior glass doors, display cases, directory boards, windows, mirrors, and adjacent trim.

5.27.1.9. Perform Spot Cleaning. Remove smudges, fingerprints, marks, streaks, etc., from washable surfaces of partitions and personnel entrance doors.

5.27.2. Periodic Cleaning. Refer to CUSTODIAL STANDARDS (WORK AREAS) in TE-2, "Work Load Estimates Custodian (Workareas) Workload":

5.27.2.1. Perform High Dusting. All dust, lint, litter and dry soil shall be removed from all surfaces 7'0" - 10'0" above the top of the floor surface. Venetian blinds, where installed, are included in high dusting. Areas above 10'0" shall have loose debris removed annually.

5.27.2.2. Clean Light Fixtures. All light fixtures, bulbs and shades shall be cleaned of bugs, dirt, dust, grease, and other foreign matter.

5.27.3. Custodial Workload (Work Areas). The contractor shall perform the tasks at the minimum frequencies indicated. Ref TE-2, "Work Load Estimates Custodian (Workareas) Workload".

5.28. FACILITIES UPKEEP AND MINOR MAINTENANCE: The contractor shall perform minor maintenance and repairs of Government-furnished facilities commensurate with cleanliness and good housekeeping. Minor maintenance and repairs include, but are not inclusive tasks, such as patching interior walls and doors, caulking interior walls, windows, and doors/door frames, painting interior walls, doors/door frames, window frames/sills, and interior trimming, (Not to Exceed 200 square feet), and replacement of electrical receptacle covers. Any maintenance

repair shall not exceed a total of 32 man hours per project. Projects shall not be split to avoid exceeding square footage or man hours stated above. The Government will provide, as available, through the base self-help center, all material to perform facilities upkeep and minor maintenance.

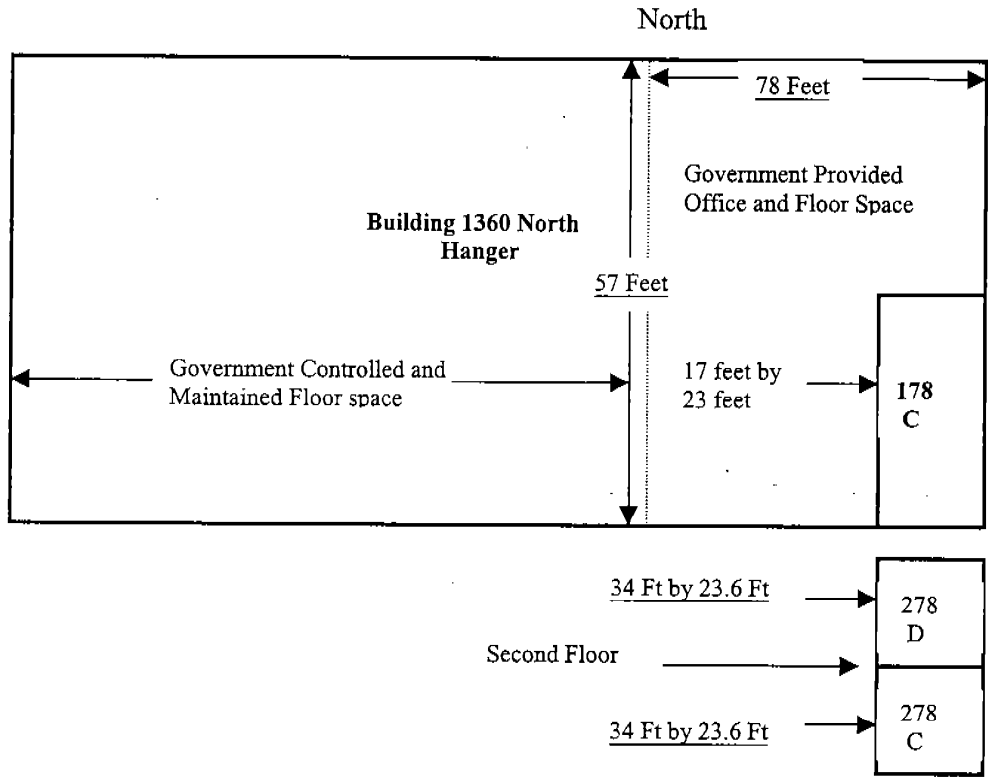
5.28.1. When maintenance or repairs exceed the requirements listed herein, the contractor shall submit an AF Form 332 describing each item of work to be done, to include sketches and diagrams, as necessary.

5.29. NOTIFICATION: The contractor shall notify the FAC, Chief QAE or the Contracting Officer within one working day of contractor's management awareness of any contractor employee statement or action which could be construed as threatening or intimidating, and the contractor's senior management decides the incident is significant enough to warrant an investigation. The threatening or intimidating statement or action need not be directed toward a specific individual(s) or piece of government property; general disorderly or threatening conduct is to be treated in a similar manner.

a. Initial notification need not be in letter format. Informal verbal or written notification of the incident will include pertinent details including when and where it occurred, who was involved, and the actions taken, if any, by contractor management or contractor supervisory personnel up to that point. Following initial notification, it will be necessary for the contractor to update the FAC or the Chief QAE in writing, on the outcome of any investigation and measures taken to ensure security of both base personnel and government property.

CONTRACT F41689-97-C-0509  
MODIFICATION A00034

NUMBER	TITLE	DATE	Mandatory/Advisory
AFI 21-101	Maintenance Management of Aircraft	JL 97	M
AFI 21-114	Managing Intercontinental Ballistic Missiles Maintenance	MA 94	M
AFI 21-103	Equipment Inventory, Multiple Status and Utilization Reporting System (EIMURS)	JU 98	M
AFI 21-104	Selective Management of Selected Gas Turbine Engines	JU 98	M
AFI 21-105	Aerospace Equipment Structural Maintenance	AU 94	M
AFI 21-109	Communications Security (COMSEC) Equipment Maintenance and Maintenance Training	JN 96	M
AFI 21-113	Air Force Metrology and Calibration (METCAL) Program	MA 94	M
AFI 21-118	Improving Aerospace Equipment Reliability and Maintainability	JL 94	A
AFI 21-123	Air Force Gold Program And Circuit Card Repair	FB 97	M
AFI 21-202	Combat Ammunition System Procedures	JL 95	M
AFI 21-401	Engineering Data Storage, Distribution and Ctrl	JA 94	A
AFMAN 23-110 Vol. 1	Air Force Base Supply Procedures		M



**Note:** The hangar floor space and office/work area identified to the north of the dotted/broken line is government provided for contractor use.

TECHNICAL EXHIBIT 4  
REQUIRED REPORTS AND ADDITIONAL DUTIES

REPORT #	TYPE	TO	FREQUENCY	REQUIRED BY
81	AIG 10909	AETC-LGM LGMQ	Quarterly 15 <sup>th</sup> of the month following the end of each quarter during the fiscal year	C-5, paragraph 5.8.9
82	AIG 10909	AETC-LGM LGMQ	Yearly (fiscal) 15 <sup>th</sup> of the month following the end of the last quarter of the fiscal year	C-5, paragraph 5.8.9

**TECHNICAL EXHIBIT 5A**

**GOVERNMENT FURNISHED FACILITIES**

<b>BUILDING NUMBER AND/OR AREA</b>	<b>ROOM</b>	<b>USE</b>
1360	138	Fabrication
1360	139	Lead Acid Battery
1360 North Bay	178C	GoldWay
1360 North Bay	278C	Circuit Card Repair
1360 North Bay	278D	Circuit Card Repair
1360 North Bay		78'X57" area, northeast corner for GoldWay office/work area
1360 South Bay	143	Lox Maintenance
1360 South Bay	144	Docks(2)
1360 South Bay	144A	Mobile Training Unit (MTU)
1360 South Bay	144B	Officer/CAMS
1360 South Bay	144C	Break Room
1360 South Bay	145	Sheet Metal
1360 South Bay	146	Tool Storage
1360 South Bay	147	Tool Storage
1360 South Bay	244A	T.O. Library
1360 South Bay	246A	Office
1360 South Bay	246B	Office
1362	1	Office
1362	2	T.O. Library
1362	3	Latrine
1362	4	Latrine
1362	5	Air Lock
1362	6	Scheduling/Receiving
1362	7	Cleaning Room
1362	8	Calibration/Repair Area
1362	9	Hall
1362	10	Electrical Room
1362	11	Utility Room
922	143	ESS LAB
922	144	Avionics Area
922	145	Office
922	146	Storage

**Government Furnished EAID**

3920PHIGHLIFT	1	329 SW GoldWay (Hangar 1360)	HIGHLIFT (DRMO)
4940010433814	1		ULTRASONIC CLEANER (2 pc.) CLEANER AND PA AC-4
4940013879233	1		MICROBLASTER (3 PC.) POWER SUPPLY, BLAST CONTAINER, AND EXHAUST FAN DUCTING
6625011572246	2		MULTIMETER DIGITAL
6625012754766	1		OSCILLOSCOPE AF82PD332
6625012873379	1		PIN POINT TEST SET, ELECTRONIC
6625013253672	1		TEST SET, HUNTRON, 5100DS
6625013788012	1		TEST SET, HUNTRON ROBOTIC PROBER RP388
6650011420953	1		MICROSCOPE, OPTICAL

**Government Furnished Non-EAID**

Building	Quantity	Item Description
BLDG 1360 Gold Way		
	7	CHAIRS
	2	DESKS
	2	WORKSTATIONS
	4	STORAGE CABINETS
	1	VERTICAL FILE CABINETS
	3	LOCKERS
	3	BOOKSHELVES
	1	DRY ERASE BOARD
	1	REFRIGERATOR
	1	MICROWAVE OVEN
	1	FAX MACHINE
	2	WORKBENCHES
	1	LIGHTED WORKBENCH
	1	ELECTRONICS WORKBENCH
	1	WORKLIGHT W/MAGNIFYING GLASS
	1	FLOOR JACK
	1	FLOOR FAN
	1	VOLT ADJUSTER
	1	COMMUNICATION (Headset) TEST SET
	1	OUTPUT MONITOR

## GW-1 TOOL BOX MASTER INVENTORY

### TOP BOX

1ea. Inventory Log

### 1<sup>st</sup> Drawer

1ea. Five inch ignition file\* (1 tools + pouch = 2)  
1ea. Valve stem extractor  
1ea. Gap/feeler gauge\*  
21pcs. Metric hex key set\* (20 tools + pouch = 21 total)  
20pcs. Standard hex key set\* (19 tools + pouch = 20 total)  
11pcs. Standard combination ignition wrench\* (10 tools + pouch = 11)  
11pcs. Metric combination ignition wrench set\* (10 tools + pouch = 11)  
9pcs. Standard open end ignition wrench set\* (8 tools + pouch = 9)  
9pcs. Metric open end ignition wrench set\* (8 tools + pouch = 9)

84pcs Total

### 2<sup>nd</sup> Drawer

5ea. Standard screwdrivers\* (8", 6", 4", 4", stubby)  
4ea. Phillips head screwdrivers\* (#1, #2, #3, stubby)  
1ea. Cotter pin extractor\*  
3ea. Torx head drivers\* (T10, T15, T20)  
1ea. Combination slotted and Phillips head Bit wrench\*  
7ea. Nut drivers\* 1/2, 7/16, 3/8, 5/16, 11/32, 1/4, 3/16

21 Total

### 3<sup>rd</sup> Drawer

1ea. Hack saw\* including blade  
1ea. Hack saw replacement blade  
1ea. Crescent wrench 6"  
1ea. Craftsman crescent wrench\* 8",

4 Total

### 4<sup>th</sup> Drawer

1ea. Robo grip pliers\* 7"  
1ea. Robo grip pliers\* 9"  
1ea. Duck bill wire cutter  
1ea. Micro Needle Nose Pliers  
1ea. Micro Diagonal Wire Cutters  
1ea. 8" Safety Wire Pliers  
1ea. 10" Safety Wire Pliers  
2ea. Pliers\* (7", 8")

397

- 1ea. Channel locks\*
- 1ea. Micro Channel Locks
- 1ea. Duck Bill Pliers
- 1ea. Diagonal Wire Cutter\*
- 1ea. Wire Striper Pliers

Total 14ea.

5<sup>th</sup> Drawer  
EMPTY

6<sup>th</sup> Drawer

- 6pcs. Punch and chisel set\* (5 tools + pouch = 6)
- 1ea. Pry bar (8")
- 1ea. Pry bar\* (15")
- 1ea. Ball Ping Hammers\* (12oz)
- 1ea. Ball Ping Hammer\* (4oz.)
- 1ea. Ball Ping Hammer\* (120z.)
- 1ea. Chisel Hammer
- 1ea. Ten ft. tape measure
- 2ea. Rubber/Plastic Hammers (SP-100, SP-155)

15 Total

7th Drawer

- 1ea. 8060 A Fluke True RMS multimeter
- 1ea. Red lead
- 1ea. Black lead

3 Total pcs.

8th Drawer

- 2ea. Stanley Dead blow uni-cast hammers (21oz., 42oz.)

2 Total

9th Drawer

- 2ea. Safety glasses

2 Total

BOTTOM BOX

10<sup>th</sup> Drawer

- 16pcs. Standard Combination Wrench set\* (1-1/8", 1-1/16", 1", 15/16",  
7/8", 13/16", 3/4", 11/16", 5/8", 9/16", 1/2", 7/16", 3/8", 11/32", 5/16", 1/4")

8pcs. Open end Wrench set\* (1-1/8" - 1-1/16"), (15/16"-1"), (7/8"- 3/4"),  
(13/16"-11/16"), (3/4"-5/8"), (9/16"- 1/2"), (7/16"- 3/8"), (5/16"- 1/4")

24 Total

11<sup>th</sup> Drawer

18pcs. Combination metric wrench set\* 7mm thru 24mm  
10pcs. Open end metric wrench set\* (6,8mm), (7,9mm), (10,11mm), (12,14mm),  
(13,15mm), (16,18mm), (17,19mm), (20,22mm), (21,23mm), (22,24mm)

28 Total pcs.

12<sup>th</sup> Drawer

1ea. Stud extractor\*  
3ea. Sliding T-Handles\* (1ea. 1/2 Drive, 1ea. 3/8 Drive, 1ea. 1/4 Drive)  
2ea. 1/2 Drive Ratchets\*  
1ea. 1/2 Drive Breaker Bar\*  
3ea. 1/2 Drive Extensions\* (3", 6", 10")  
1ea. 1/2 Drive Universal extension\*  
2ea. 3/8 Drive Ratchets\*  
1ea. 3/8 Drive Breaker Bar\*  
3ea. 3/8 Drive Extensions\* (3", 6", 10")  
1ea. 3/8 Drive Universal extension\*  
2ea. 1/4 Drive Ratchets\*  
1ea. 1/4 Drive Breaker Bar\*  
2ea. 1/4 Drive Extension\* 3", 6"  
1ea. 1/4 Drive Flexible Extension\*  
1ea. 1/4 Drive Universal Extension\*  
1ea. 3/8 Drive Speed Handle\*  
1ea. 1/2 Drive Speed Handle\*  
1ea. 3/8 Drive impact Universal Extension\*  
1ea. 1/2 Drive impact Universal Extension\*  
1ea. 1/2 Drive Impact 6" Extension\*

30 Total

13<sup>th</sup> Drawer

12pcs. 3/8 Drive hex key set\* 4 thru 10mm's  
12pcs. 3/8 Drive screw driver bit socket set\* 1ea. 2, 3, 4 Phillips head Bit set  
5-6, 8-10, 14-16 Standard Bit set\*  
10pcs. Metric socket set\* 18mm, 17mm, 16mm, 15mm, 14mm, 13mm, 12mm,  
11mm, 10mm, 9mm  
8pcs. Standard Impact socket set\* 11/16, 5/8, 9/16, 1/2, 7/16, 3/8, 5/16, 1/4  
10pcs. Metric swivel socket set\* 19mm, 18mm, 17mm, 16mm, 15mm, 14mm, 3mm,  
12mm, 11mm, 10mm

14<sup>th</sup> Drawer

- 5ea. Metric pipe end wrenches\* (19-21mm), (15-17mm), (13-14mm), (10-12mm), (9-11mm)
- 3ea. Standard box end wrenches\* (5/8-3/4), (1/2-9/16), (3/8-7/16)
- 4ea. Standard pipe end wrenches\* (7/8-3/4), (5/8-11/16), (1/2-9/16), (3/8-7/16)
- 5ea. Open end wrenches\* (7/8-3/4), (5/8-11/16), (1/2-9/16), (7/16-17-32) (3/8-7/16)

17 Total

15<sup>th</sup> Drawer

- 23pcs. Impact socket set\* (22 tools + magnetic case = 23 total); 11/16, 1", 15/16, 7/8, 13/16, 3/4, 11/16, 5/8, 9/16, 1/2, 7/16 – 11/16, 1", 15/16, 7/8, 13/16, 3/4, 11/16, 5/8, 9/16, 1/2, 7/16
- 11ea. Standard 1/2 drive deep socket set\* 1-1/8, 1-1/16, 1", 15/16, 7/8, 13/16, 3/4, 11/16, 5/8, 9/16, 1/2
- 13ea. Standard short 1/2 Drive socket set\* 1-1/4, 1-1/8, 1-1/16, 1", 15/16, 7/8, 13/16, 3/4, 11/16, 5/8, 9/16, 1/2, 7/16
- 1ea. 13/16 Spark plug socket\* (with rubber boot insert)

48 Total

16<sup>th</sup> Drawer

- 10ea. 3/8 Drive Crows feet\* 1", 7/8, 13/16, 3/4", 11/16", 5/8, 9/16, 1/2, 7/16, 3/8
- 2ea. 3/8 Drive Spark plug socket\* (with rubber boot insert); 13/16, 5/8
- 9ea. 3/8 Drive Standard Deep sockets\* 7/8, 13/16, 3/4, 11/16, 5/8, 9/16, 1/2, 7/16, 3/8
- 16ea. 3/8 Drive Standard short sockets\* (2X each size) 13/16, 3/4, 11/16, 5/8, 9/16, 1/2, 7/16, 3/8
- 5ea. 3/8 Drive short sockets\* 1/2, 7/16, 3/8, 5/16, 1/4
- 7ea. 3/8 Drive swivel sockets\* 3/4, 11/16, 5/8, 9/16, 1/2, 7/16, 3/8
- 12ea. 3/8 Drive Hex key\* (Including 6ea. Hex bit for 6ea. Sockets); 3/8 bit, 5/16 bit, 1/4 bit, 7/32 bit, 3/16 bit, H 10 bit)
- 2ea. 3/8 Drive Swivel Spark plug socket (with rubber boot insert); 13/16, 5/8

63 Total

17<sup>th</sup> Drawer

- 1ea. 1/2 Drive impact gun\* with swivel air attachment
- 1ea. 3/8 Drive air drill gun\* with air adapter attachment
- 1ea. 3/8 Drive air ratchet\* with swivel air attachment
- 1ea. 3/8 Drive air ratchet\* with air adapter attachment
- 1ea. 3/8 Drive air impact butterfly ratchet\* with air adapter attachment

5 Total pcs.

18<sup>th</sup> Drawer

EMPTY

19<sup>th</sup> Drawer

EMPTY

20<sup>th</sup> Drawer

- 10ea. ¼ Drive metric sockets\* 13-4mm
- 10ea. ¼ Drive metric Deep sockets\* 13-4mm
- 1pcs. Snap-On hex key set
- 14pcs. Allen hex socket driver set including case

35 Total

21<sup>st</sup> Drawer

- 18pcs. ¼ Drive Hex Bits\* (5ea. socket & 5ea. bits); 3/8, 5/16, ¼, 7/32, 5/32  
¼ Drive screwdriver bits\* (4ea. sockets & 2ea. slotted & 2ea. Phillips #1, #2)
- 1ea. ¼ Drive socket set\* ½, 7/16, 3/8, 11/32, 5/16, 9/32, ¼, 7/32, 3/16,  
Drive extension handle (10 tools + case = 11)
- 11ea. ¼ Drive sockets\* ½, 7/16, 3/8, 11/32, 5/16, 9/32, ¼, 7/32, 3/16, 5/32, 1/8

30 Total

22<sup>nd</sup> Drawer

EMPTY

23<sup>rd</sup> Drawer

- 1ea. 160lbs Air Pressure GAGE
- 1ea. 250 PSI Milton inflator gage
- 1ea. Air nozzle

3 Total pcs.

24<sup>th</sup> Drawer

- 2ea. Hearing protection

2 Total pcs.

483 Total CTK GW-1

Note: (\*) Warranty Tools

## W-2 TOOL BOX INVENTORY

### Wrench Sets

Standard

5/16, 3/8, 7/16, 1/2, 9/16, 3/4

Metric

9, 10, 11, 12, 13, 14, 15mm

### Ratchets

1/4, Drive, 3/8 Drive, 1/2 Drive

### Sockets- 3/8 Drive Deep Sockets

Standard

3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 3/16, 7/8

Metric

9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm

### 3/8 drive sockets

Standard

3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 3/16, 7/8

Metric

9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20mm

### 1/2 Drive Sockets

Standard

7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 1, 15/16, 7/8, 13/16

Metric

9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm

### 1/4 Drive Deep Sockets

Standard

3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16

Metric

4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm

### 1/4 Drive Sockets

Standard

5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16

Metric

4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm

## GW-2 INVENTORY CORRECTIONS/ADDITIONS

Changes:

148 Tools + case + case divider = 150 total

Added

1ea. Diagonal wire cutter\*

1ea. Needle nose pliers\*

1ea. Standard pliers\*

1ea. Locking Pliers\* (vise-grip)

1ea. Inventory log

(\*) Full unlimited warranty on craftsman mechanic's tools

## ITK Tool Box GW-3 Inventory

1ea. 3/4 inch drive ratchet\*

1ea. 3/4 drive extension\*

17 piece socket set\* 3/4 drive; 15/16, 1, 1 1/8, 7/8, 1 1/16, 1 3/16, 1 1/4, 1 5/16, 1 3/8, 1 7/16, 1 1/2, 1 5/8, 1 11/16, 1 3/4, 1 13/16, 1 7/8, 2

19 tools + case = 20 total

(\*) Warranty tools

## GW-4 TOOL INVENTORY

1. Three 25ft extension cords
2. Blue flood light
3. Socket set

### Tool kit CCR-1

Crescent Wrench-  
6"

Nut Drivers-

3/32", 1/8", 5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8"

Allen Driver-

.020, .035

Torque Handle-

1-Black Handled

1-Red Handled

Micro-Screwdriver Set (8 Pieces) Including case

- 1-Black Torque Handle
- 5-Standard
- 1-Phillips

Screwdrivers-

- 3-Flat tip (R184, R18, R3323)
- 1-Phillips (XST100)

Phillips

- No.2, No.3
- Short Handled

Standard

- 5/32", 3/16", 1/4" Short handled, 1/4" Long Handled, 5/16", 3/8", Insulated
- Short Handled

Ratchet Offset Kit (5 Pieces Including Case)

- 1-Ratchet
- 1-1/4" Slotted Bit
- 1-3/16" Slotted Bit
- 1-No.2 Phillips Bit
- No.1 Phillips Bit Missing

Black Ratchet Screwdriver Handle

Extensions-

- 5", 8"

Attachments-

- Reamer
- Phillips Head Screwdrivers:
  - No.1, No.2, No.3
- Standard Screwdrivers:
  - Mini, Small, Medium, Large

No.2 Phillips Head\ Standard w\ Hex Body

152mm Needle nose Pliers

140mm Spring Loaded Needle nose Pliers

203mm Needle nose Pliers

Pair of Snips

Channel Locks-

- 28.5mm, small,

Wire Cutters-  
Small, Large, w\ Strippers

T-Shape Ratchet Handle

Driver Handle (99-1)

9- Spline Attachments

9- Allen Head attachments

Surgical Clamps

**GW-1A Cabinet Inventory**  
(Shelves are numbered from top to bottom)

Top 1<sup>st</sup> shelf;  
ITK, GW-2 Tool Kit  
1 ea. Grease gun (Sub-located in lube locker)  
2 ea. 3-ton Jacks

2<sup>nd</sup> shelf;  
2 ea. 250PSI 25ft. Air Hoses

3<sup>rd</sup> shelf;  
ITK, GW-3 Tool Kit  
ITK, GW-4 (X-Acto\*)

4<sup>th</sup> (bottom) shelf;  
1 ea. 120V Flood Light  
1 ea. Extension Cord on hand reel

1 ea. 3-Ton Floor Jack (Sub-located in shop)

**CCR-1A Cabinet Inventory**

Top Shelve;

1ea. Speed Wrap Tool

1ea. Speed Wrap Attachments (4each tools +bag = 5)

1ea. Bosch heat Gun

1ea. Small heat gun reflector attachment

1ea. Large heat gun reflector attachment

1ea. Ideal telemaster pliers cat. No 30-496

1ea. Curtis tool kit, 17 pcs. + pouch;

1ea. Small pen light

1ea. Ratchet screwdriver

1ea. Combination (Slotted & Phillips) pocket clip screwdriver

12ea. Attachments; sockets; 3/16, 1/4, T-8 hex, T-10 hex, T-15 hex, T-20 hex, T-25 hex,  
#1 Phillips, #2 Phillips, #5 slotted, #6 slotted, 1/4" drive attachment, + red attachment

holder

**TECHNICAL EXHIBIT 5G**

**GOVERNMENT FURNISHED VEHICLES**

The following vehicles will be provided and maintained by the government as outlined in section C-3 of this PWS. Fuel will be provided for these vehicles to support the requirements of this PWS.

**VEHICLES**

Type Vehicle	Authorized	Quantity on Hand
Vans	8	8
Multi-Stop	2	2
Warehouse Tug	2	2
Bobtail	4	4
MB 4 Coleman	1	1
Forklift	2	2
Pickup Truck	3	3
Water Truck	1	1
1 ½ Ton Truck	1	1
Trailer	1	1
Metro Van	1	1 (Goodfellow AFB)
TOTAL	26	26